

1 Attorney Docket No. 77700

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3 RESETTABLE FUSE/CIRCUIT INTERRUPTER WITH VISUAL FAULT INDICATION

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5 ABSTRACT OF THE DISCLOSURE

6 A circuit interrupter device protects a load circuit from
7 excessive, or overloading levels of current, provides a visual
8 indication of circuit overload and open circuit, and can be
9 reset. A multi-metallic heat reactive strip is snapped by an
10 overload current to open the load circuit and close a light
11 emitter circuit having a current limiting resistor connected to
12 an indicator lamp that provides a visual indication of the open
13 circuit. The multi-metallic strip is manually reset via a push
14 button to open the light emitter circuit and extinguish the
15 indicator lamp and close the load circuit to reestablish
16 operation therein. The circuit interruption device can be made
17 utilizing currently available technology for miniature fusing in
18 tight, confining spaces and/or assemblies that have unusual
19 shapes that restrict access in automobile electrical systems,
20 test instruments, domestic appliances or many other
21 electronic/electrical circuits.